

# UNCLASSIFIED

**Exhibit R-2, RDT&E Budget Item Justification:** PB 2011 United States Special Operations Command **DATE:** February 2010

| APPROPRIATION/BUDGET ACTIVITY   |                   |                     |                             | R-1 ITEM NOMENCLATURE   |                              |                     |                     |                     |                     |                     |               |
|---|-------------------|---------------------|-----------------------------|---|------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------|
| 0400: Research, Development, Test & Evaluation, Defense-Wide<br>BA 7: Operational Systems Development |                   |                     |                             | PE 0305208BB: Distributed Common Ground/Surface Systems/S400A |                              |                     |                     |                     |                     |                     |               |
| COST (\$ in Millions)   | FY 2009<br>Actual | FY 2010<br>Estimate | FY 2011<br>Base<br>Estimate | FY 2011<br>OCO<br>Estimate                                    | FY 2011<br>Total<br>Estimate | FY 2012<br>Estimate | FY 2013<br>Estimate | FY 2014<br>Estimate | FY 2015<br>Estimate | Cost To<br>Complete | Total<br>Cost |
| Total Program Element   | 0.763             | 7.701               | 1.290                       | 0.000   | 1.290                        | 1.303               | 1.338               | 1.361               | 1.384               | Continuing          | Continuing    |
| S400A: Distributed Common<br>Ground/Surface Systems/S400A   | 0.763             | 7.701               | 1.290                       | 0.000   | 1.290                        | 1.303               | 1.338               | 1.361               | 1.384               | Continuing          | Continuing    |

## A. Mission Description and Budget Item Justification

This program element provides for the identification, development, and testing of the Distributed Common Ground/Surface System (DCGS). This architecture interconnects the warfighter and sensors to "find and fix" terrorists and/or individuals. The program integrates tactical processing, exploitation, and dissemination data into the Special Operations Forces (SOF) information enterprise. The program develops and integrates SOF networks providing U. S. Special Operations Command with unique decision capabilities to include: measurement and signature data, sensor exploitation, data compressions and man-portable workstations. The program provides the supporting architecture to link the global sensor network to those who will interpret the data for rapid transmission to collaborative partners via the SOF information enterprise. The program will initially provide SOF with capabilities to conduct exploitation of full motion video from unmanned aerial vehicle assets organic to SOF. The program will integrate and implement the department-level system's integration backbone standards and architecture on the SOF information enterprise, which will support net-centric data sharing between SOF fixed, tactical capabilities and sensors. This program will employ non-developmental commercial and government off-the-shelf hardware and software and will leverage from existing technology as much as possible.

## B. Program Change Summary (\$ in Millions)

|                                     | <u>FY 2009</u> | <u>FY 2010</u> | <u>FY 2011 Base</u> | <u>FY 2011 OCO</u> | <u>FY 2011 Total</u> |
|-------------------------------------|----------------|----------------|---------------------|--------------------|----------------------|
| Previous President's Budget         | 0.763          | 1.407          | 0.000               | 0.000              | 0.000                |
| Current President's Budget          | 0.763          | 7.701          | 1.290               | 0.000              | 1.290                |
| Total Adjustments                   | 0.000          | 6.294          | 1.290               | 0.000              | 1.290                |
| • Congressional General Reductions  |                | -0.031         |                     |                    |                      |
| • Congressional Directed Reductions |                | 0.000          |                     |                    |                      |
| • Congressional Rescissions         | 0.000          | 0.000          |                     |                    |                      |
| • Congressional Adds                |                | 6.000          |                     |                    |                      |
| • Congressional Directed Transfers  |                | 0.325          |                     |                    |                      |
| • Reprogrammings                    | 0.000          | 0.000          |                     |                    |                      |
| • SBIR/STTR Transfer                | 0.000          | 0.000          |                     |                    |                      |
| • Other Adjustment                  | 0.000          | 0.000          | 1.290               | 0.000              | 1.290                |

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| <b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2011 United States Special Operations Command   |  | <b>DATE:</b> February 2010   |  |
| <b>APPROPRIATION/BUDGET ACTIVITY</b><br>0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i><br>BA 7: <i>Operational Systems Development</i> |  | <b>R-1 ITEM NOMENCLATURE</b><br>PE 0305208BB: <i>Distributed Common Ground/Surface Systems/S400A</i> |  |

  

| <p><b><u>Congressional Add Details (\$ in Millions, and Includes General Reductions)</u></b></p> <p><b>Project:</b> S400A: <i>Distributed Common Ground/Surface Systems/S400A</i></p> <p style="padding-left: 40px;">Congressional Add: <i>Congressional Add: DCGS Capabilities Modernization</i></p><br><p><b><u>Change Summary Explanation</u></b></p> <p>Funding:</p> <p>FY09: None.</p> <p>FY10: Net increase of \$6.000 million due to Congressional Add for DCGS Capabilities Modernization and a decrease of -\$0.031 million due to Section 8097 Congressional general reductions. Additionally, an increase of \$0.325 million in FY 2010 Overseas Contingency Operations (OCO) funding to continue integration of processing exploitation and dissemination equipment.</p> <p>FY11: Increase of \$1.290 million is due to the DoD not estimating FY 2011 cost when the FY 2010 President's Budget was prepared.</p> <p>Schedule: None.</p> <p>Technical: None.</p> | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="padding: 5px;">FY 2009</th> <th style="padding: 5px;">FY 2010</th> </tr> <tr> <td style="padding: 5px;">0.000</td> <td style="padding: 5px;">5.969</td> </tr> <tr> <td style="padding: 5px;">0.000</td> <td style="padding: 5px;">5.969</td> </tr> <tr> <td style="padding: 5px;">0.000</td> <td style="padding: 5px;">5.969</td> </tr> </table> | FY 2009 | FY 2010 | 0.000 | 5.969 | 0.000 | 5.969 | 0.000 | 5.969 |
|--|--|---------|---------|-------|-------|-------|-------|-------|-------|
| FY 2009  | FY 2010  |         |         |       |       |       |       |       |       |
| 0.000  | 5.969  |         |         |       |       |       |       |       |       |
| 0.000  | 5.969  |         |         |       |       |       |       |       |       |
| 0.000  | 5.969  |         |         |       |       |       |       |       |       |

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| <b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2011 United States Special Operations Command   |                       |                         |                              |  |                               |                         |                         | <b>DATE:</b> February 2010  |                         |                         |                   |
| <b>APPROPRIATION/BUDGET ACTIVITY</b><br>0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i><br>BA 7: <i>Operational Systems Development</i>  |                       |                         |                              | <b>R-1 ITEM NOMENCLATURE</b><br>PE 0305208BB: <i>Distributed Common Ground/Surface Systems/S400A</i> |                               |                         |                         | <b>PROJECT</b><br>S400A: <i>Distributed Common Ground/Surface Systems/S400A</i> |                         |                         |                   |
| <b>COST (\$ in Millions)</b>   | <b>FY 2009 Actual</b> | <b>FY 2010 Estimate</b> | <b>FY 2011 Base Estimate</b> | <b>FY 2011 OCO Estimate</b>  | <b>FY 2011 Total Estimate</b> | <b>FY 2012 Estimate</b> | <b>FY 2013 Estimate</b> | <b>FY 2014 Estimate</b>   | <b>FY 2015 Estimate</b> | <b>Cost To Complete</b> | <b>Total Cost</b> |
| S400A: <i>Distributed Common Ground/Surface Systems/S400A</i>  | 0.763                 | 7.701                   | 1.290                        | 0.000  | 1.290                         | 1.303                   | 1.338                   | 1.361   | 1.384                   | Continuing              | Continuing        |
| Quantity of RDT&E Articles   |                       |                         |                              |  |                               |                         |                         |   |                         |                         |                   |
| <b>A. Mission Description and Budget Item Justification</b><br><p>This project provides for the identification, development, and testing of the Distributed Common Ground/Surface System (DCGS). This architecture interconnects the warfighter and sensors to “find and fix” terrorists and/or individuals. The program integrates tactical processing, exploitation, and dissemination data into the Special Operations Forces (SOF) information enterprise. The program develops and integrates SOF networks providing U. S. Special Operations Command with unique decision capabilities to include: measurement and signature data, sensor exploitation, data compressions and man-portable workstations. The program provides the supporting architecture to link the global sensor network to those who will interpret the data for rapid transmission to collaborative partners via the SOF Information Enterprise. The program will initially provide SOF with capabilities to conduct exploitation of full motion video from unmanned aerial vehicle assets organic to SOF. The program will integrate and implement the department-level system’s integration backbone standards and architecture on the SOF information enterprise, which will support net-centric data sharing between SOF fixed, tactical capabilities, and sensors. This program will employ non-developmental commercial and government off-the-shelf hardware and software and will leverage from existing technology as much as possible.</p> <ul style="list-style-type: none"> <li>• Project also include the following Congressional add:</li> <li>• DCGS Capabilities Modernization addresses requirements for integrating multi-function intelligence processing, exploitation and dissemination (PED) capabilities into the SOF information enterprise and the DCGS architecture. This funding is also provided to develop a DCGS tool for SOF to expand the capability to exploit documents and media for tactical and timely intelligence in forward deployed operations.</li> </ul> |                       |                         |                              |  |                               |                         |                         |   |                         |                         |                   |
| <b>B. Accomplishments/Planned Program (\$ in Millions)</b>   |                       |                         |                              |  |                               |                         |                         |   |                         |                         |                   |
|  |                       |                         |                              |  |                               | <b>FY 2009</b>          | <b>FY 2010</b>          | <b>FY 2011 Base</b>   | <b>FY 2011 OCO</b>      | <b>FY 2011 Total</b>    |                   |
| Distributed Common Ground/Surface System   |                       |                         |                              |  |                               | 0.763                   | 1.732                   | 1.290   | 0.000                   | 1.290                   |                   |

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| Exhibit R-2A, RDT&E Project Justification: PB 2011 United States Special Operations Command  |  |  |         | DATE: February 2010  |                |                  |
| APPROPRIATION/BUDGET ACTIVITY<br>0400: Research, Development, Test & Evaluation, Defense-Wide<br>BA 7: Operational Systems Development   |  | R-1 ITEM NOMENCLATURE<br>PE 0305208BB: Distributed Common Ground/<br>Surface Systems/S400A |         | PROJECT<br>S400A: Distributed Common Ground/Surface<br>Systems/S400A |                |                  |
| B. Accomplishments/Planned Program (\$ in Millions)  |  |  |         |  |                |                  |
|  |  | FY 2009  | FY 2010 | FY 2011<br>Base  | FY 2011<br>OCO | FY 2011<br>Total |
| FY 2009 Accomplishments:<br>FY09 Continued system development with test and evaluation of common ground/surface system enterprise architecture and unclassified test bed participation in the ISR-centric Empire Challenge 09 exercise. Initiated integration of the Counter-IED Operations Integration Center (COIC) software baseline into the Multi-Agency Collaboration Environment (MACE) provided hardware system configuration. |  |  |         |  |                |                  |
| FY 2010 Plans:<br>FY10 Continue development of common ground/surface system enterprise architecture and system test and integration of the COIC DCGS Integration Backbone-Joint (DIB-J) and Multi-INT Archive and Analysis System (MAAS) software package solution into the SOCRATES baseline.<br>FY10 Overseas Contingency Operations (OCO) continues integration of processing exploitation and dissemination equipment.             |  |  |         |  |                |                  |
| FY 2011 Base Plans:<br>FY11 Continues to integrate the SOF-unique systems and Multi-INT sensors into service-common capabilities; commences developmental test and evaluation efforts and unclassified test bed. (UTB) software integration for DCGS-SOF v1.0 Phase II increment.  |  |  |         |  |                |                  |
| Accomplishments/Planned Programs Subtotals   |  | 0.763  | 1.732   | 1.290  | 0.000          | 1.290            |
|  |  | FY 2009  | FY 2010 |  |                |                  |
| Congressional Add: Congressional Add: DCGS Capabilities Modernization  |  | 0.000  | 5.969   |  |                |                  |

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| Exhibit R-2A, RDT&E Project Justification: PB 2011 United States Special Operations Command   |         |         |                 |  |                  |         |         |  |         | DATE: February 2010 |            |  |
| APPROPRIATION/BUDGET ACTIVITY<br>0400: Research, Development, Test & Evaluation, Defense-Wide<br>BA 7: Operational Systems Development  |         |         |                 | R-1 ITEM NOMENCLATURE<br>PE 0305208BB: Distributed Common Ground/<br>Surface Systems/S400A |                  |         |         | PROJECT<br>S400A: Distributed Common Ground/Surface<br>Systems/S400A |         |                     |            |  |
| B. Accomplishments/Planned Program (\$ in Millions)   |         |         |                 |  |                  |         |         |  |         |                     |            |  |
|   |         |         |                 |  |                  |         |         | FY 2009  | FY 2010 |                     |            |  |
| FY 2010 Plans:<br>FY10 Integrate multi-function intelligence PED capabilities into the SOF information enterprise and the DCGS architecture and expands capabilities to exploit documents and media in forward deployed operations.   |         |         |                 |  |                  |         |         |  |         |                     |            |  |
| Congressional Adds Subtotals  |         |         |                 |  |                  |         |         | 0.000  | 5.969   |                     |            |  |
| C. Other Program Funding Summary (\$ in Millions)   |         |         |                 |  |                  |         |         |  |         |                     |            |  |
| Line Item   | FY 2009 | FY 2010 | FY 2011<br>Base | FY 2011<br>OCO   | FY 2011<br>Total | FY 2012 | FY 2013 | FY 2014  | FY 2015 | Cost To<br>Complete | Total Cost |  |
| • PROC:: SOF Intelligence   | 1.808   | 6.688   | 5.225           |  | 5.225            | 3.541   |         | 9.155  | 5.586   | Continuing          | Continuing |  |
| D. Acquisition Strategy   |         |         |                 |  |                  |         |         |  |         |                     |            |  |
| DCGS will leverage available funds against ongoing efforts by other government agencies to meet SOF-peculiar documented requirements. The technology will allow for seamless integration with DoD, interagency, or coalition Intelligence Surveillance and Reconnaissance tactical processing, exploitation, and dissemination systems. |         |         |                 |  |                  |         |         |  |         |                     |            |  |
| E. Performance Metrics  |         |         |                 |  |                  |         |         |  |         |                     |            |  |
| N/A   |         |         |                 |  |                  |         |         |  |         |                     |            |  |

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|--|------------------------------|--------------------------------------|---------------------------|---------|--|-----------------|---------------|----------------|---------------|--|---------------------|------------|--------------------------------|--|
| Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 United States Special Operations Command   |                              |                                      |                           |         |  |                 |               |                |               |  | DATE: February 2010 |            |                                |  |
| APPROPRIATION/BUDGET ACTIVITY<br>0400: Research, Development, Test & Evaluation, Defense-Wide<br>BA 7: Operational Systems Development |                              |                                      |                           |         | R-1 ITEM NOMENCLATURE<br>PE 0305208BB: Distributed Common Ground/<br>Surface Systems/S400A |                 |               |                |               | PROJECT<br>S400A: Distributed Common Ground/Surface<br>Systems/S400A |                     |            |                                |  |
| Product Development (\$ in Millions)   |                              |                                      |                           |         |  |                 |               |                |               |  |                     |            |                                |  |
|  |                              |                                      |                           | FY 2010 |  | FY 2011<br>Base |               | FY 2011<br>OCO |               | FY 2011<br>Total   |                     |            |                                |  |
| Cost Category Item   | Contract<br>Method<br>& Type | Performing<br>Activity &<br>Location | Total Prior<br>Years Cost | Cost    | Award<br>Date  | Cost            | Award<br>Date | Cost           | Award<br>Date | Cost   | Cost To<br>Complete | Total Cost | Target<br>Value of<br>Contract |  |
| Prime Mission<br>Equipment/Integration   | MIPR                         | MITRE<br>Bedford, MA                 | 0.000                     | 0.150   | Jan 2010   | 0.000           |               | 0.000          |               | 0.000  | Continuing          | Continuing | Continuing                     |  |
| Multimedia Analyst<br>Archive System/DCGS-<br>SOF Integration  | MIPR                         | NGA<br>Bethesda, MD                  | 0.000                     | 0.000   |  | 0.154           | Jan 2011      | 0.000          |               | 0.154  | Continuing          | Continuing | Continuing                     |  |
| OCO - DCGS Integration   | MIPR                         | JITC,<br>Ft Huachuca, AZ             | 0.000                     | 0.325   | Jun 2010   | 0.000           |               | 0.000          |               | 0.000  | 0                   | 0.325      | Continuing                     |  |
| DCGS Capabilities<br>Modernization   | TBD/TBD                      | TBD<br>TBD                           | 0.000                     | 5.969   | Feb 2010   | 0.000           |               | 0.000          |               | 0.000  | Continuing          | Continuing | Continuing                     |  |
| Subtotal   |                              |                                      | 0.000                     | 6.444   |  | 0.154           |               | 0.000          |               | 0.154  | 0.000               | 0.325      |                                |  |
| Remarks  |                              |                                      |                           |         |  |                 |               |                |               |  |                     |            |                                |  |
| Support (\$ in Millions)   |                              |                                      |                           |         |  |                 |               |                |               |  |                     |            |                                |  |
|  |                              |                                      |                           | FY 2010 |  | FY 2011<br>Base |               | FY 2011<br>OCO |               | FY 2011<br>Total   |                     |            |                                |  |
| Cost Category Item   | Contract<br>Method<br>& Type | Performing<br>Activity &<br>Location | Total Prior<br>Years Cost | Cost    | Award<br>Date  | Cost            | Award<br>Date | Cost           | Award<br>Date | Cost   | Cost To<br>Complete | Total Cost | Target<br>Value of<br>Contract |  |
| DCGS Support for<br>Warfighter Workshop  | MIPR                         | MITRE<br>Bedford, MA                 | 0.000                     | 0.000   |  | 0.116           | Nov 2010      | 0.000          |               | 0.116  | 0                   | 0.116      | Continuing                     |  |
| DCGS Support   | TM                           | Booz Allen<br>Hamilton<br>Mclean, VA | 0.405                     | 0.000   |  | 0.000           |               | 0.000          |               | 0.000  | Continuing          | Continuing | Continuing                     |  |
|  | MIPR                         | MITRE                                | 0.171                     | 0.000   |  | 0.000           |               | 0.000          |               | 0.000  | 0.000               | 0.171      | Continuing                     |  |

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| <b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2011 United States Special Operations Command   |                                   |   |                               |  |                   |                     |                   |   |                   |                      | <b>DATE:</b> February 2010 |                   |                                 |
| <b>APPROPRIATION/BUDGET ACTIVITY</b><br>0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i><br>BA 7: <i>Operational Systems Development</i> |                                   |   |                               | <b>R-1 ITEM NOMENCLATURE</b><br>PE 0305208BB: <i>Distributed Common Ground/Surface Systems/S400A</i> |                   |                     |                   | <b>PROJECT</b><br>S400A: <i>Distributed Common Ground/Surface Systems/S400A</i> |                   |                      |                            |                   |                                 |
|   |                                   |   |                               |  |                   |                     |                   |   |                   |                      |                            |                   |                                 |
| <b>Support (\$ in Millions)</b>   |                                   |   |                               |  |                   |                     |                   |   |                   |                      |                            |                   |                                 |
|   |                                   |   |                               | <b>FY 2010</b>   |                   | <b>FY 2011 Base</b> |                   | <b>FY 2011 OCO</b>  |                   | <b>FY 2011 Total</b> |                            |                   |                                 |
| <b>Cost Category Item</b>   | <b>Contract Method &amp; Type</b> | <b>Performing Activity &amp; Location</b> | <b>Total Prior Years Cost</b> | <b>Cost</b>  | <b>Award Date</b> | <b>Cost</b>         | <b>Award Date</b> | <b>Cost</b>   | <b>Award Date</b> | <b>Cost</b>          | <b>Cost To Complete</b>    | <b>Total Cost</b> | <b>Target Value of Contract</b> |
| DCGS Sensor Web Support   |                                   | Bedford, MA                               |                               |  |                   |                     |                   |   |                   |                      |                            |                   |                                 |
| <b>Subtotal</b>   |                                   |   | 0.576                         | 0.000  |                   | 0.116               |                   | 0.000   |                   | 0.116                | 0.000                      | 0.287             |                                 |
| <b>Remarks</b>  |                                   |   |                               |  |                   |                     |                   |   |                   |                      |                            |                   |                                 |
|   |                                   |   |                               |  |                   |                     |                   |   |                   |                      |                            |                   |                                 |
| <b>Test and Evaluation (\$ in Millions)</b>   |                                   |   |                               |  |                   |                     |                   |   |                   |                      |                            |                   |                                 |
|   |                                   |   |                               | <b>FY 2010</b>   |                   | <b>FY 2011 Base</b> |                   | <b>FY 2011 OCO</b>  |                   | <b>FY 2011 Total</b> |                            |                   |                                 |
| <b>Cost Category Item</b>   | <b>Contract Method &amp; Type</b> | <b>Performing Activity &amp; Location</b> | <b>Total Prior Years Cost</b> | <b>Cost</b>  | <b>Award Date</b> | <b>Cost</b>         | <b>Award Date</b> | <b>Cost</b>   | <b>Award Date</b> | <b>Cost</b>          | <b>Cost To Complete</b>    | <b>Total Cost</b> | <b>Target Value of Contract</b> |
| DCGS Test & Evaluation  | MIPR                              | SPAWAR Charleston, SC                     | 0.187                         | 0.190  | Mar 2010          | 0.215               | Mar 2011          | 0.000   |                   | 0.215                | Continuing                 | Continuing        | Continuing                      |
| DCGS Independent Verification and Validation  | MIPR                              | MITRE Bedford, MA                         | 0.000                         | 0.871  | Jan 2010          | 0.580               | Nov 2010          | 0.000   |                   | 0.580                | Continuing                 | Continuing        | Continuing                      |
| Interoperability Support  | MIPR                              | JITC Ft Huachuca, AZ                      | 0.000                         | 0.196  | Jan 2010          | 0.225               | Nov 2010          | 0.000   |                   | 0.225                | 0                          | 0.421             | Continuing                      |
| <b>Subtotal</b>   |                                   |   | 0.187                         | 1.257  |                   | 1.020               |                   | 0.000   |                   | 1.020                | 0.000                      | 0.421             |                                 |
| <b>Remarks</b>  |                                   |   |                               |  |                   |                     |                   |   |                   |                      |                            |                   |                                 |
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| <b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2011 United States Special Operations Command  |                           |         |   |                |                  |   | <b>DATE:</b> February 2010 |                                |  |  |                           |         |                 |                |                  |                     |            |                                |                            |       |       |       |       |       |       |       |  |
|--|---------------------------|---------|---|----------------|------------------|---|----------------------------|--------------------------------|--|--|---------------------------|---------|-----------------|----------------|------------------|---------------------|------------|--------------------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|--|
| <b>APPROPRIATION/BUDGET ACTIVITY</b><br>0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i><br>BA 7: <i>Operational Systems Development</i>  |                           |         | <b>R-1 ITEM NOMENCLATURE</b><br>PE 0305208BB: <i>Distributed Common Ground/<br/>Surface Systems/S400A</i> |                |                  | <b>PROJECT</b><br>S400A: <i>Distributed Common Ground/Surface<br/>Systems/S400A</i> |                            |                                |  |  |                           |         |                 |                |                  |                     |            |                                |                            |       |       |       |       |       |       |       |  |
| <div style="display: flex; justify-content: space-between;"> <div style="width: 25%;"></div> <table border="1" style="width: 75%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 15%;"></th> <th style="width: 10%;">Total Prior<br/>Years Cost</th> <th style="width: 10%;">FY 2010</th> <th style="width: 10%;">FY 2011<br/>Base</th> <th style="width: 10%;">FY 2011<br/>OCO</th> <th style="width: 10%;">FY 2011<br/>Total</th> <th style="width: 10%;">Cost To<br/>Complete</th> <th style="width: 10%;">Total Cost</th> <th style="width: 10%;">Target<br/>Value of<br/>Contract</th> </tr> </thead> <tbody> <tr> <td><b>Project Cost Totals</b></td> <td>0.763</td> <td>7.701</td> <td>1.290</td> <td>0.000</td> <td>1.290</td> <td>0.000</td> <td>1.033</td> <td></td> </tr> </tbody> </table> </div> |                           |         |   |                |                  |   |                            |                                |  |  | Total Prior<br>Years Cost | FY 2010 | FY 2011<br>Base | FY 2011<br>OCO | FY 2011<br>Total | Cost To<br>Complete | Total Cost | Target<br>Value of<br>Contract | <b>Project Cost Totals</b> | 0.763 | 7.701 | 1.290 | 0.000 | 1.290 | 0.000 | 1.033 |  |
|  | Total Prior<br>Years Cost | FY 2010 | FY 2011<br>Base   | FY 2011<br>OCO | FY 2011<br>Total | Cost To<br>Complete   | Total Cost                 | Target<br>Value of<br>Contract |  |  |                           |         |                 |                |                  |                     |            |                                |                            |       |       |       |       |       |       |       |  |
| <b>Project Cost Totals</b>   | 0.763                     | 7.701   | 1.290   | 0.000          | 1.290            | 0.000   | 1.033                      |                                |  |  |                           |         |                 |                |                  |                     |            |                                |                            |       |       |       |       |       |       |       |  |
| <b>Remarks</b>   |                           |         |   |                |                  |   |                            |                                |  |  |                           |         |                 |                |                  |                     |            |                                |                            |       |       |       |       |       |       |       |  |

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**Exhibit R-4, RDT&E Schedule Profile:** PB 2011 United States Special Operations Command **DATE:** February 2010

|   |   |   |
|---|---|---|
| <b>APPROPRIATION/BUDGET ACTIVITY</b><br>0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i><br>BA 7: <i>Operational Systems Development</i> | <b>R-1 ITEM NOMENCLATURE</b><br>PE 0305208BB: <i>Distributed Common Ground/<br/>Surface Systems/S400A</i> | <b>PROJECT</b><br>S400A: <i>Distributed Common Ground/Surface<br/>Systems/S400A</i> |
|---|---|---|

| Exhibit R-4, RDT&E Program Schedule Profile           |  |  |  |   |   |   |   |      |   |   |   |   |   | Date: FEBRUARY 2010 |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |   |
|---|--|--|--|---|---|---|---|------|---|---|---|---|---|---------------------|---|------|---|---|---|------|---|---|---|------|---|---|---|------|---|---|---|---|
| Appropriation/Budget Activity                         |  |  |  | Program Element and Name                                    |   |   |   |      |   |   |   | Project Number and Name                                 |   |                     |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |   |
| RDT&E/7   |  |  |  | PE0305208BB/Distributed Common Ground/Surface Systems (MIP) |   |   |   |      |   |   |   | Project S400A/Distributed Common Ground/Surface Systems |   |                     |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |   |
| Fiscal Year   |  |  |  | 2009  |   |   |   | 2010 |   |   |   | 2011  |   |                     |   | 2012 |   |   |   | 2013 |   |   |   | 2014 |   |   |   | 2015 |   |   |   |   |
|   |  |  |  | 1   | 2 | 3 | 4 | 1    | 2 | 3 | 4 | 1   | 2 | 3                   | 4 | 1    | 2 | 3 | 4 | 1    | 2 | 3 | 4 | 1    | 2 | 3 | 4 | 1    | 2 | 3 | 4 |   |
| Distributed Common Ground/Surface Systems Integration |  |  |  | ▲   | — | — | ▲ | ▲    | — | — | △ | △   | — | —                   | △ | △    | — | — | △ | △    | — | — | △ | △    | — | — | △ | △    | — | — | △ | △ |
| DCGS Capabilities Modernization                       |  |  |  |   |   |   |   |      |   | △ | — | △   |   |                     |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |   |
| Sensor Web Assessment                                 |  |  |  |   |   |   | ▲ |      |   |   |   |   |   |                     |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |   |
| DCGS Limited Objective Event (DLOE)                   |  |  |  |   |   |   |   |      |   |   |   |   |   | △                   | — | —    | △ |   |   |      |   |   |   |      |   |   |   |      |   |   |   |   |

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|   |   |   |                            |
|---|---|---|----------------------------|
| <b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2011 United States Special Operations Command   |   |   | <b>DATE:</b> February 2010 |
| <b>APPROPRIATION/BUDGET ACTIVITY</b><br>0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i><br>BA 7: <i>Operational Systems Development</i> | <b>R-1 ITEM NOMENCLATURE</b><br>PE 0305208BB: <i>Distributed Common Ground/<br/>Surface Systems/S400A</i> | <b>PROJECT</b><br>S400A: <i>Distributed Common Ground/Surface<br/>Systems/S400A</i> |                            |

**Schedule Details**

| <b>Event</b>  | <b>Start</b>   |             | <b>End</b>     |             |
|---|----------------|-------------|----------------|-------------|
|   | <b>Quarter</b> | <b>Year</b> | <b>Quarter</b> | <b>Year</b> |
| Distributed Common Ground/Surface Systems Integration | 1              | 2009        | 4              | 2015        |
| DCGS Capabilities Modernization                       | 2              | 2010        | 4              | 2010        |
| Sensor Web Assessment                                 | 4              | 2009        | 4              | 2009        |
| DCGS Limited Objective Event (DLOE)                   | 1              | 2011        | 4              | 2011        |

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